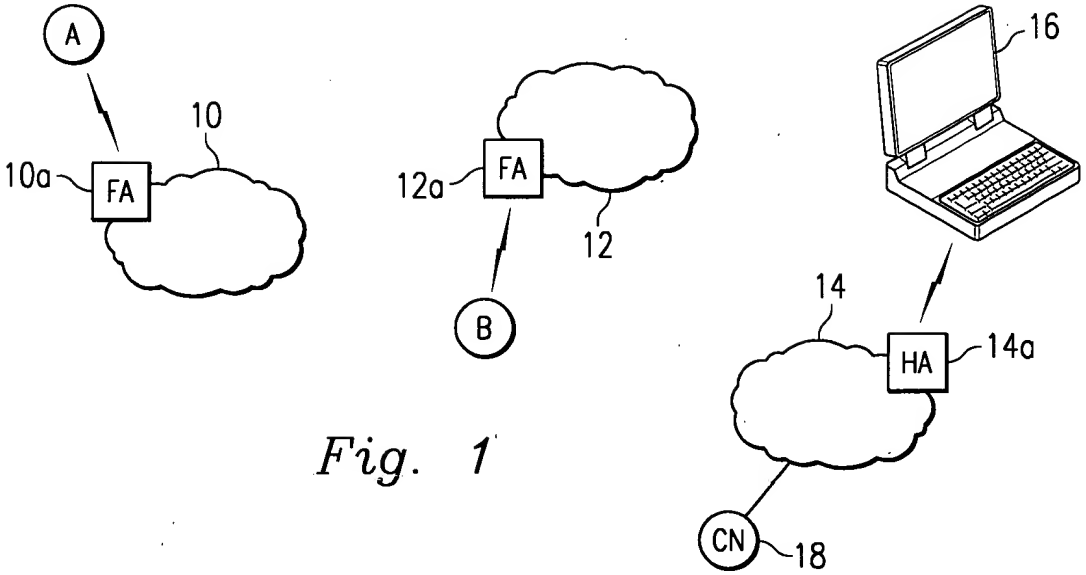
A
10
10a
FA
12a
FA
12
B
16
14
HA
14a
CN
18

Fig. 1

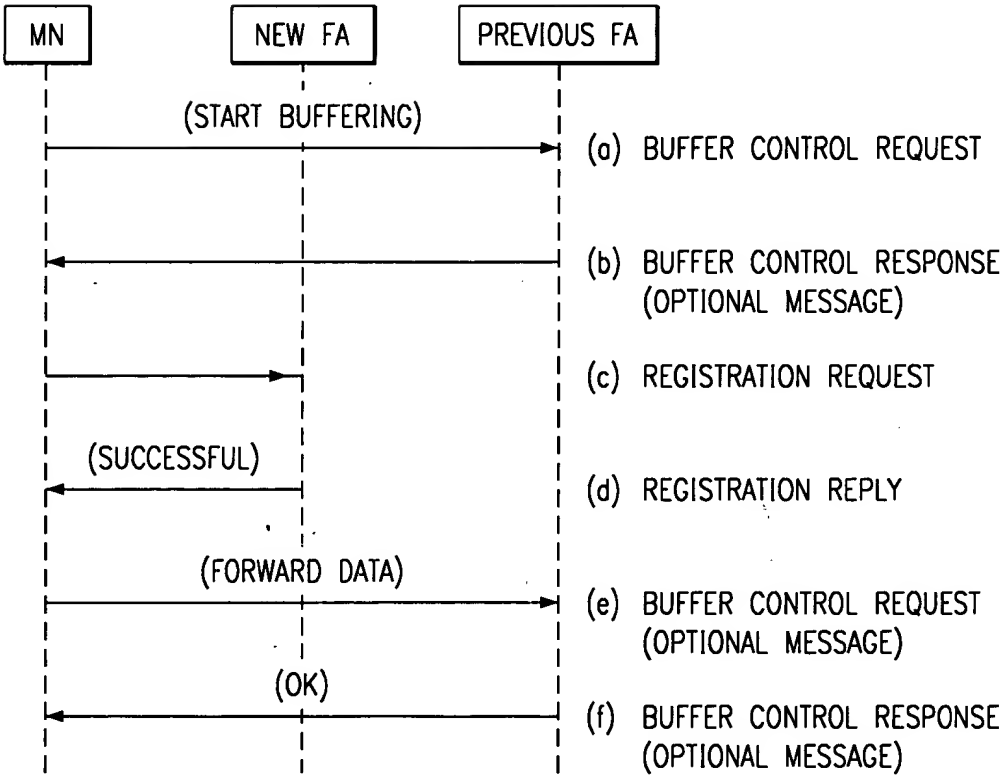
MN
NEW FA
PREVIOUS FA
(START BUFFERING)
(a) BUFFER CONTROL REQUEST
(b) BUFFER CONTROL RESPONSE
(OPTIONAL MESSAGE)
(c) REGISTRATION REQUEST
(SUCCESSFUL)
(d) REGISTRATION REPLY
(FORWARD DATA)
(e) BUFFER CONTROL REQUEST
(OPTIONAL MESSAGE)
(OK)
(f) BUFFER CONTROL RESPONSE
(OPTIONAL MESSAGE)

Fig. 2

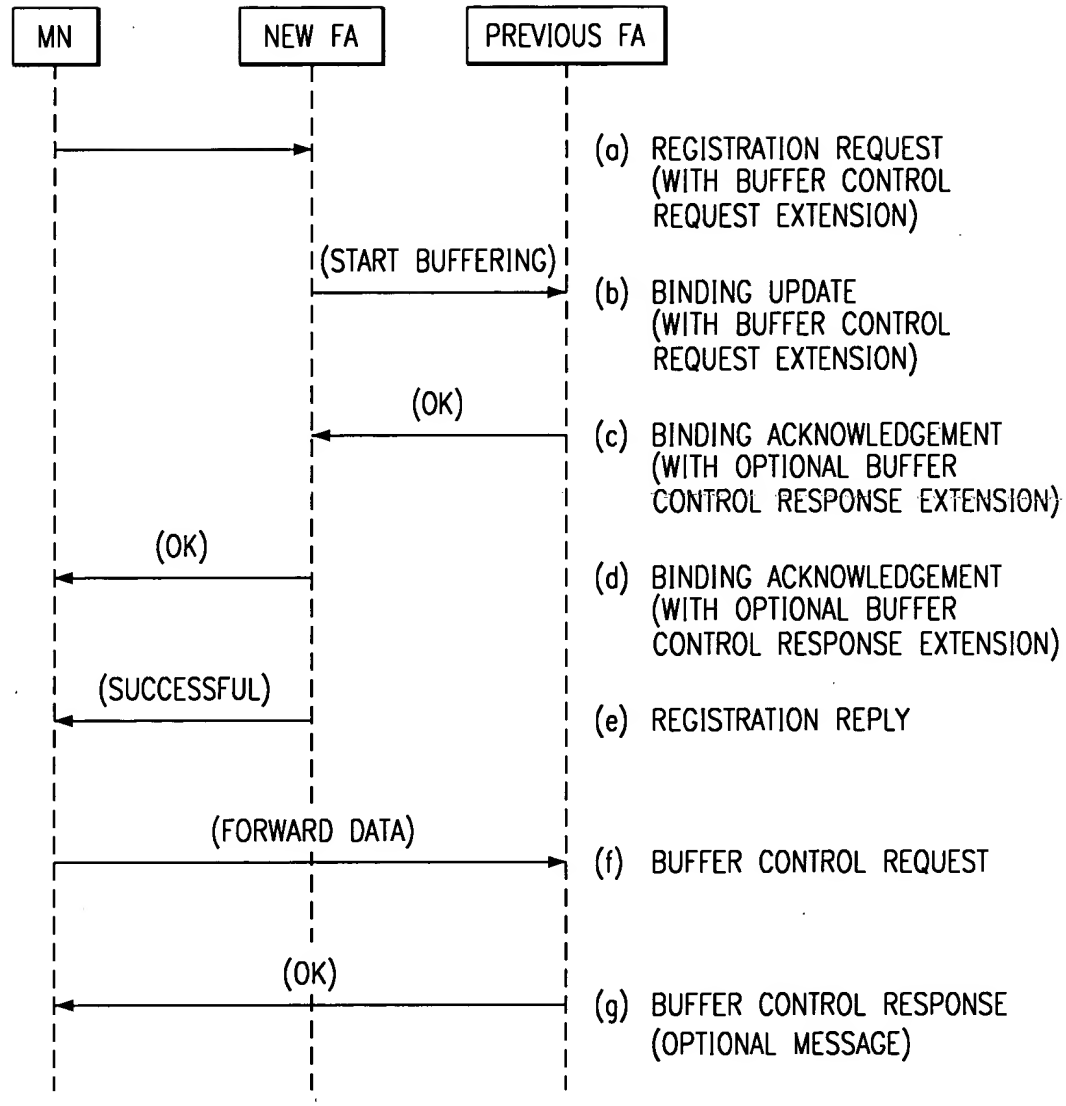
MN
NEW FA
PREVIOUS FA
(a) REGISTRATION REQUEST (WITH BUFFER CONTROL REQUEST EXTENSION)
(START BUFFERING)
(b) BINDING UPDATE (WITH BUFFER CONTROL REQUEST EXTENSION)
(OK)
(c) BINDING ACKNOWLEDGEMENT (WITH OPTIONAL BUFFER CONTROL RESPONSE EXTENSION)
(OK)
(d) BINDING ACKNOWLEDGEMENT (WITH OPTIONAL BUFFER CONTROL RESPONSE EXTENSION)
(SUCCESSFUL)
(e) REGISTRATION REPLY
(FORWARD DATA)
(f) BUFFER CONTROL REQUEST
(OK)
(g) BUFFER CONTROL RESPONSE (OPTIONAL MESSAGE)

Fig. 3

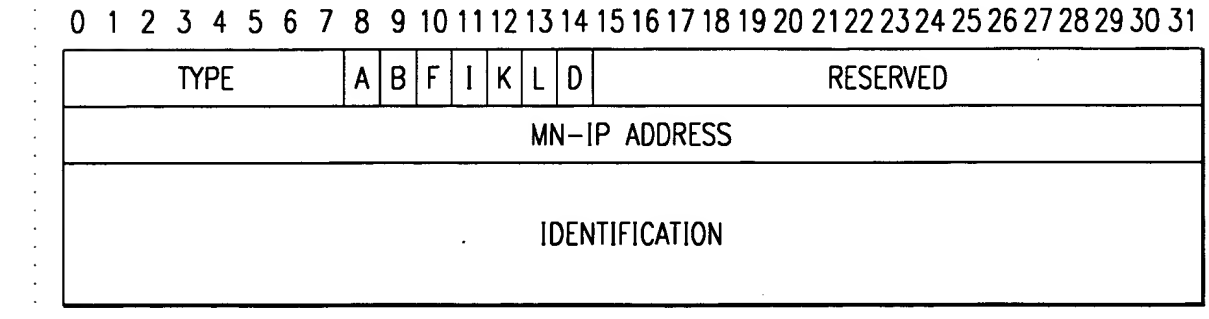
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
TYPE
A
B
F
I
K
L
D
RESERVED
MN-IP ADDRESS
IDENTIFICATION

Fig. 5

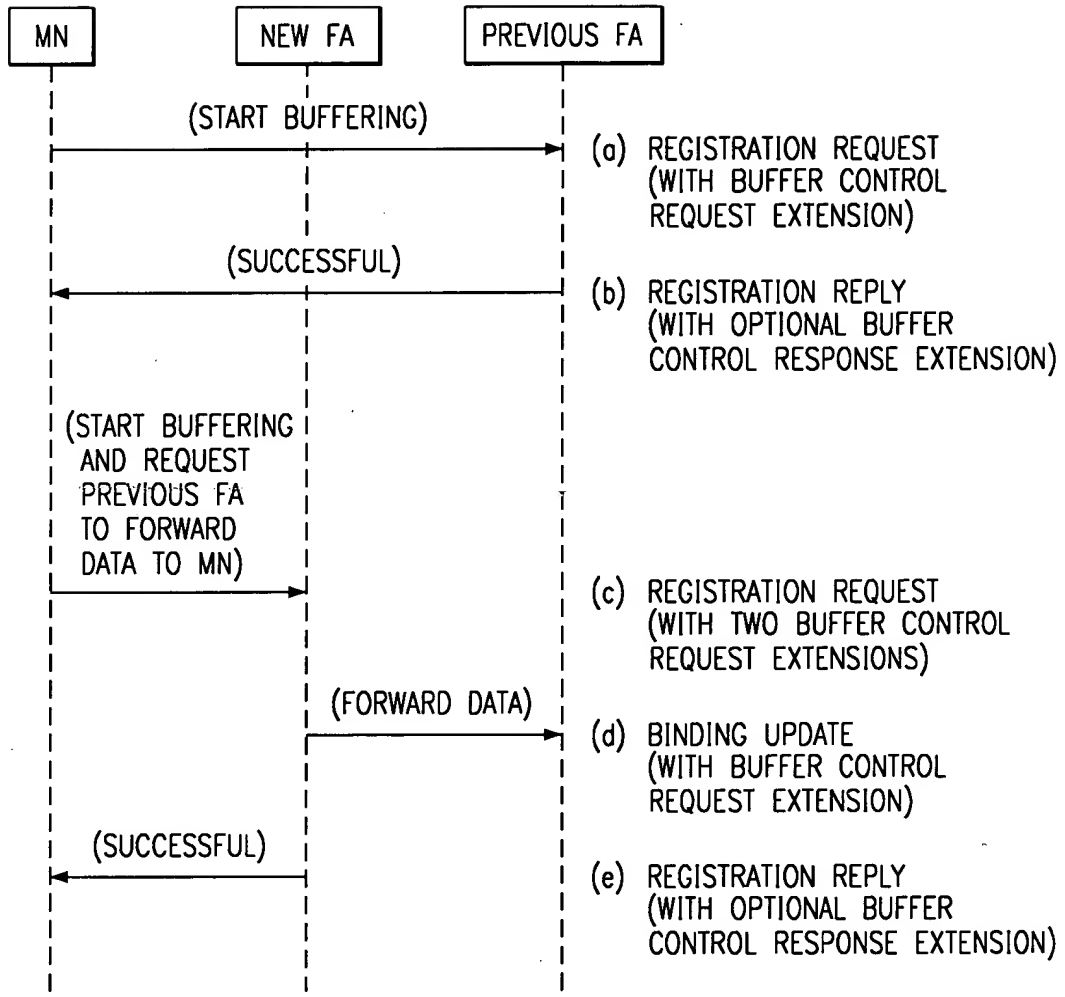
MN
NEW FA
PREVIOUS FA
(START BUFFERING)
(a) REGISTRATION REQUEST (WITH BUFFER CONTROL REQUEST EXTENSION)
(SUCCESSFUL)
(b) REGISTRATION REPLY (WITH OPTIONAL BUFFER CONTROL RESPONSE EXTENSION)
(START BUFFERING AND REQUEST PREVIOUS FA TO FORWARD DATA TO MN)
(c) REGISTRATION REQUEST (WITH TWO BUFFER CONTROL REQUEST EXTENSIONS)
(FORWARD DATA)
(d) BINDING UPDATE (WITH BUFFER CONTROL REQUEST EXTENSION)
(SUCCESSFUL)
(e) REGISTRATION REPLY (WITH OPTIONAL BUFFER CONTROL RESPONSE EXTENSION)

Fig. 4

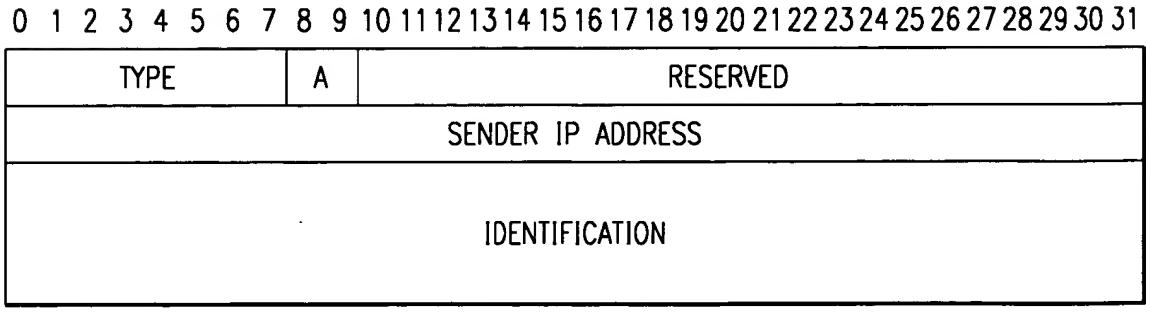
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
TYPE
A
RESERVED
SENDER IP ADDRESS
IDENTIFICATION

Fig. 6

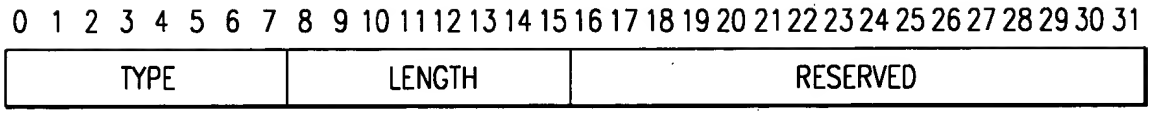

Fig. 7

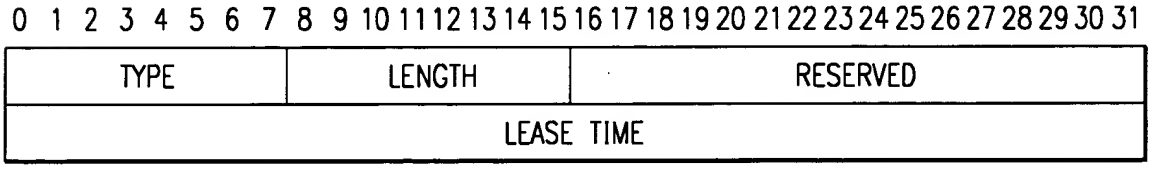

Fig. 8

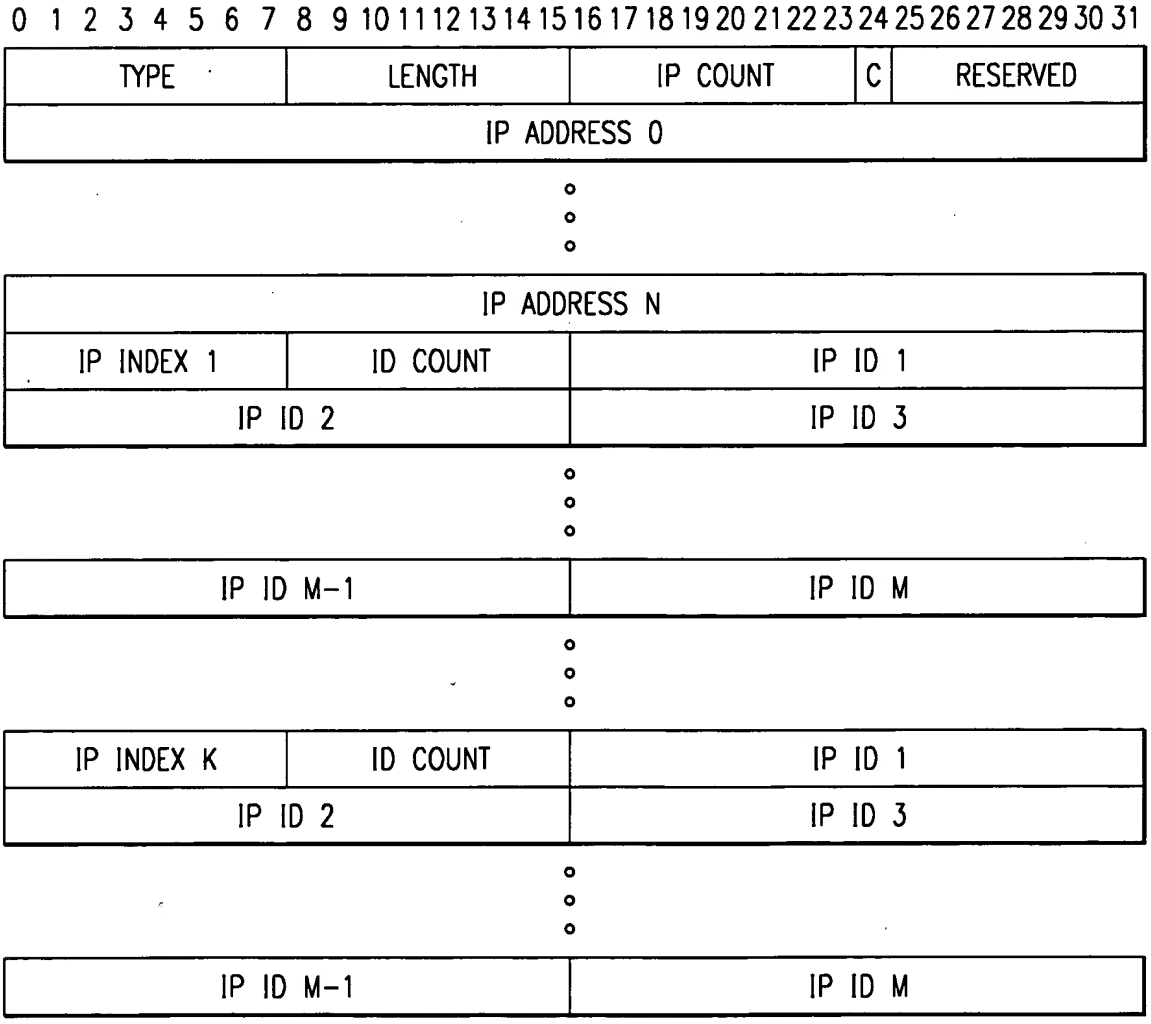

Fig. 9